## Appendix D2 - New 2020 303(d) Listings

State: MI Cycle: 2020

Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040202010101-05	Rivers/Streams in HUC 040202010101	Includes: Silver Lead Creek and West Branch Chocolay R	River		RIVER	
						1
D l	H	Attalana	D	04-4	Size	Units
Designated		Attainment		er Status	15.223	Miles
Fish Consum		Not Supporting	Not meet	ing criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TIS	SSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040203000001-01	LAKE SUPERIOR (MICHIGAN JURISDICTION)	Lake Superior waters under Michigan jurisdiction.			GREAT LAKE	S OPEN WATER
					Size	Units
Designated		Attainment		er Status	0.0	Square Miles
Fish Consum		Not Supporting	Not meet	ing criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TIS	SSUE	2020		
		TOXAPHENE IN FISH TISSUE		2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040203000001-09	KEWEENAW BAY - LAKE SUPERIOR	Baraga Village Water Plant CAZ - Intake in Keweenaw Ba	ay		BAY	
					Size	Units
Designated		Attainment	Paramet		1.5	Square Miles
Fish Consum	nption	Not Supporting	Not meet	ing criteria		
	Causes:	Current Cycle		First Listed		
		TOXAPHENE IN FISH TISSUE		2020		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TIS	SSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040203000001-10	KEWEENAW BAY - LAKE SUPERIOR	L'anse Water Treatment Plant CAZ - Keweenaw Bay Inta	ake		BAY	
					Size	Units
Designated		Attainment	Paramet		1.5	Square Miles
Fish Consum		Not Supporting	Not meet	ing criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TIS	SSUE	2020		
		TOXAPHENE IN FISH TISSUE		2020		

Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040203000001-11	LAKE SUPERIOR		Marquette Water Department CAZ - Lake Superior Intak	е		GREAT LAKE	S OPEN WATER
							T
				1		Size	Units
Designated			Attainment		ter Status	1.5	Square Miles
Fish Consum			Not Supporting	Not mee	ting criteria	_	
	Causes	s:	Current Cycle		First Listed		
			TOXAPHENE IN FISH TISSUE		2020		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040203000001-12	LAKE SUPERIOR		Ontonagon Water Plant CAZ - Lake Superior Intake				S OPEN WATER
						Size	Units
Designated	Use		Attainment	Paramet	ter Status	1.5	Square Miles
Fish Consum	nption		Not Supporting	Not mee	ting criteria		
	Causes	s:	Current Cycle		First Listed		
			TOXAPHENE IN FISH TISSUE		2020		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040203000001-26	Gay Stamp Sands Area of Impact		Lake Superior open waters along Keweenaw Peninsula 1	rom Gay M	Michigan		S OPEN WATER
WIIO+020300000 1-20	Cay Gramp Gands Area of Impact		southwest to the Traverse River mouth area, and extend	ing lakewar	d to	ONEAT EARL	O OI EN WATER
			encompass approximately half of Buffalo Reef.	-		Size	Units
Designated	Use		Attainment	Paramet	ter Status	0.0	Square Miles
Fish Consum	nption		Not Supporting	Not mee	ting criteria		-
	Causes	s:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE	2020		
			TOXAPHENE IN FISH TISSUE		2020		
Other Indiger	nous Aquatic Life and Wildlife		Not Supporting	Not mee	ting threshold		
	Causes	s:	Current Cycle		First Listed		
	<del></del>		COPPER IN SEDIMENT		2020		
			SEDIMENT SCREENING VALUE (EXCEEDANCE)		2020		
			SEDIMENT TOXICITY		2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040500020302-04	Rivers/Streams in HUC 040500020	302	Waters only 'assessed' for Navigation, Agriculture, and I	ndustrial Wa	ater Supply	RIVER	
						Size	Units
Designated		S 1 NAC' 1125	Attainment		ter Status	22.2016	Miles
Warm Water	Fishery   Other Indigenous Aquatic Lif		Not Supporting   Not Supporting	Not mee	ting criteria	_	
	Causes	s:	Current Cycle		First Listed	_	
			CHLORIDE		2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030102-02	Rivers/Streams in HUC 040500030102	Includes: SPRING ARBOR & CONCORD DRAIN		RIVER	
				0:	1
			In	Size	Units
Designated		Attainment	Parameter Status		Miles
Other Indige	nous Aquatic Life and Wildlife	Not Supporting	Not meeting criter		
	Causes:	Current Cycle	First Li	stea	
		CAUSE UNKNOWN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030407-01	Rivers/Streams in HUC 040500030407	Includes: Kalamazoo River from Rice Creek conflu Talmadge Creek	uence downstream to	RIVER	
				Size	Units
Designated		Attainment	Parameter Status	2.1087	Miles
Fish Consun	nption	Not Supporting	Not meeting criter		
	Causes:	Current Cycle	First Li	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN I	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030407-02	Rivers/Streams in HUC 040500030407	Includes: Kalamazoo River from Talmadge Creek Squaw Lake Drain confluence.	confluence downstream to	RIVER	
				Size	Units
Designated	Use	Attainment	Parameter Status	0.6602	Miles
Fish Consun	nption	Not Supporting	Not meeting criter	ia	
	Causes:	Current Cycle	First Li	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN I	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030408-01	Rivers/Streams in HUC 040500030408	Includes: Kalamazoo River from Dickinson Creek Lake Drain(excluding the Ceresco Imoundment)	confluence upstream to Sq		
				Size	Units
Designated		Attainment	Parameter Status		Miles
Fish Consun		Not Supporting	Not meeting criter		
	Causes:	Current Cycle	First Li	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN I	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030411-03	Rivers/Streams in HUC 040500030411	Includes: Kalamazoo River from Battle Creek River Dickinson Creek.	er confluence upstream to	RIVER	
				Size	Units
Designated		Attainment	Parameter Status		Miles
Fish Consun	<u>'</u>	Not Supporting	Not meeting criter		
	Causes:	Current Cycle	First Li	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN I	FISH TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030508-07	Rivers/Streams in HUC 040500030508	Includes: Kalamazoo River (only-no tributaries) Wabascon Creek Confluence.	from Gull Creek upstream to	RIVER	
				Size	Units
Designated	Use	Attainment	Parameter Status	12.24	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		·
	Causes:	Current Cycle	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS) II	N FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030509-02	MORROW POND	Located in the vicinity of Galesburg (36th Street	t) and Comstock.	RESERVOIR	
				Size	Units
Designated	Use	Attainment	Parameter Status	962.4545	Acres
Fish Consun	nption	Not Supporting	Not meeting criteria		·
	Causes:	Current Cycle	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS) II	N FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030509-03	Rivers/Streams in HUC 040500030509	Includes: Kalamazoo River from Morrow Pond E (Morrow Pond is excluded).	Dam upstream to Gull Creek	RIVER	
				Size	Units
Designated	Use	Attainment	Parameter Status	2.4	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) II	N FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030810-03	Rivers/Streams in HUC 040500030810	Includes: Miller Creek		RIVER	
				Size	Units
Designated	Use	Attainment	Parameter Status	4.7311	Miles
Cold Water I	Fishery	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		CAUSE UNKNOWN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030909-01	Rivers/Streams in HUC 040500030909	Includes: Kalamazoo River from Rabbit River co Allegan Dam.	onfluence upstream to Lake	RIVER	
				Size	Units
Designated		Attainment	Parameter Status	20.8557	Miles
Fish Consun		Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS) II	N FISH TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030911-03	Rivers/Streams in HUC 040500030911	Includes: Kalamazoo River and tributaries from to Mann Creek.	n Peach Orchard Creek upstream	RIVER	
				Size	Units
Designated	Use	Attainment	Parameter Status	21.4392	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500030912-06	Rivers/Streams in HUC 040500030912	Includes: Kalamazoo River/Kalamazoo Lake fi downstream to Lake Michigan, also includes S		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	18.528	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500040705-02	Rivers/Streams in HUC 040500040705	Includes: Grand River		RIVER	
Da alamata d	U	Addatum	Damana dan Otatua	Size	Units
Designated		Attainment	Parameter Status	8.3351	Miles
Partial Body	Contact Recreation   Total Body Contact Recreation	Not Supporting   Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		ESCHERICHIA COLI (E. COLI)	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500040706-01	Rivers/Streams in HUC 040500040706	Includes: Grand River		RIVER	
				Size	Units
Designated	Use	Attainment	Parameter Status	8.5153	Miles
Partial Body	Contact Recreation   Total Body Contact Recreation	Not Supporting   Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		ESCHERICHIA COLI (E. COLI)	2020	_	
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500050104-03	OVID LAKE	SW. of St. Johns off Price Road. East Central	Clinton County	LAKE, FRESH	HWATER
			,	Í	
				Size	Units
Designated		Attainment	Parameter Status	364.2254	Acres
Other Indige	nous Aquatic Life and Wildlife	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PHOSPHORUS	2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500050502-01	Rivers/Streams in HUC 040500050502	Includes: Unnamed Tributaries to Hayworth Creek		RIVER	
				0:	11-24-
Designated	lloo	Attainment	Parameter Status	<b>Size</b> 10.0296	Units Miles
Designated Warm Water				10.0296	ivilles
vvaim vvaiei	Causes:	Not Supporting  Current Cycle	Not meeting criteria  First Listed		
	Causes:			<u> </u> 	
		DISSOLVED OXYGEN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500060502-06	Versluis Lake	Northeast Grand Rapids		LAKE, FRESI	HWATER
					1
				Size	Units
Designated		Attainment	Parameter Status	0.0	Acres
Fish Consum		Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	I TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500060503-03	Rivers/Streams in HUC 040500060503	Includes: Mill Creek		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	8.7526	Miles
Cold Water F	ishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		CAUSE UNKNOWN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500060504-01	Rivers/Streams in HUC 040500060504	Includes: Brandywine Creek and Indian Mill Creek		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	24.428	Miles
Cold Water F		Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		CAUSE UNKNOWN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040500060507-06	Rivers/Streams in HUC 040500060507	Includes: Grand River from Brandywine Creek to Plast	er Creek	RIVER	
				Size	Units
Designated		Attainment	Parameter Status	4.0737	Miles
Fish Consum		Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040500060512-01	Rivers/Streams in HUC 040500060512	Includes: Grand River in Grandville, MI			RIVER	
						1
					Size	Units
Designated		Attainment		ter Status	0.0	Miles
Fish Consun		Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	I TISSUE	2020		
ssessment Unit ID	Assessment Unit Name	Location Description			Water Type	
1040500060512-03	Rivers/Streams in HUC 040500060512	Includes: Grand River below Plaster Cr, down to Grand	dville, MI		RIVER	
					Size	Units
Designated		Attainment	Parame	ter Status	3.0559	Miles
Fish Consun	nption	Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	TISSUE	2020		
ssessment Unit ID	Assessment Unit Name	Location Description		·	Water Type	
1040500060601-01	CROCKERY LAKE	Location Description Ottawa Co., 5 miles SE of Ravenna.			LAKE, FRESHWATER	
104030000001-01	CNOCKENT LAKE	Ottawa Co., 5 miles SE of Naverilla.			LAKE, FRESH	WATER
					Size	Units
Designated	Use	Attainment	Parame	ter Status	102.5465	Acres
	nous Aquatic Life and Wildlife	Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle		First Listed		
		PHOSPHORUS		2020		
ssessment Unit ID	Assessment Unit Name	Location Description			Weter Time	
1040500060705-01	Rivers/Streams in HUC 040500060705	Location Description Includes: Grand River			Water Type RIVER	
1040500000705-01	Rivers/Streams in AUC 040500000705	includes. Grand River			RIVER	
					Size	Units
Designated	Use	Attainment	Parame	ter Status	64.5126	Miles
Fish Consun		Not Supporting		eting criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	I TISSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
1040500060708-01	Rivers/Streams in HUC 040500060708	Includes: Grand River, not including tributaries			RIVER	
					Size	Units
Designated	llse	Attainment	Paramo	ter Status	8.637	Miles
Fish Consun		Not Supporting		eting criteria	0.007	IVIIICO
i isii Coilsul	Causes:	Current Cycle	140111166	First Listed		
	Causes.	PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	LTICOUT		<u> </u>	
		FERFLUURUUGTAINE SULFUNATE (PFUS) IN FISF	IIIOOUE	2020		

Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040500060712-02	Rivers/Streams in HUC 04050	00060712	Includes: Grand River and Lloyd Bayou			RIVER	
						•	1
Designated	Hoo		Attainment	Parameter	Status	<b>Size</b> 62.1565	Units Miles
Designated Fish Consun			Not Supporting	Not meetin		62.1565	Miles
FISH Consul	•	auses:	Current Cycle		First Listed		
	C	auses.	PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T		2020		
			FERT EUOROOCTANE SOLI ONATE (FT 03) IN FISH I	1330L Z	.020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040500070211-01	THORNAPPLE LAKE		SE of Hastings, MI; Barry Co.			LAKE, FRESI	HWATER
						Size	Units
Designated	lleo		Attainment	Parameter	Status	438.6025	Acres
	nous Aquatic Life and Wildlife		Not Supporting	Not meetin		.00.0020	, 13100
Out of margo		auses:	Current Cycle		First Listed		
			PHOSPHORUS		2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	*****
MI040601011011-03	MONA LAKE		Tributary to Lake Michigan. Muskegon Heights			LAKE, FRESI	HWATER
						Size	Units
Designated	Use		Attainment	Parameter	Status	695.0	Acres
	nous Aquatic Life and Wildlife		Not Supporting	Not meetin	g criteria		
	С	auses:	Current Cycle	F	irst Listed		
	_		PHOSPHORUS	2	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040601020903-06	Freska Lake		North central Kent County, 4 miles West of Rockford			LAKE, FRESI	HWATER
			, , , , , , , , , , , , , , , , , , ,			,	
						Size	Units
Designated			Attainment	Parameter		306.7	Acres
Fish Consun	•		Not Supporting	Not meetin	<u> </u>		
	C	auses:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE 2	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040601021003-02	MUSKEGON LAKE		Muskegon Co., Lake Michigan drowned river mouth lake	, vicinity of Mu	ıskegon,	LAKE, FRESI	HWATER
			excluding 20 acre portion at the mouth of Ryerson Creek	ζ.			
						Size	Units
Designated			Attainment	Parameter		4130.0	Acres
Fish Consun	•		Not Supporting	Not meetin			
	С	auses:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T		2020		
			TOXAPHENE IN FISH TISSUE	2	2020		

Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040601030104-04	LAKE MARGRETHE		Midwestern Crawford Co., 3 miles W of Gra	ıyling.		LAKE, FRESH	WATER
							T
				1 _		Size	Units
Designated			Attainment		ter Status	1906.3765	Acres
Fish Consun	nption	1 -	Not Supporting	Not mee	eting criteria		
		Causes:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFO	S) IN FISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040601040305-02	Rivers/Streams in HUC 04	40601040305	Includes: Cold Creek			RIVER	
						Size	Units
Designated			Attainment		ter Status	8.4388	Miles
Cold Water F	ishery		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			FISH BIOASSESSMENTS		2020		
Other Indige	nous Aquatic Life and Wildlife	9	Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			BENTHIC MACROINVERTEBRATES BIOA	ASSESSMENTS	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040602000001-04	LITTLE BAY DE NOC (LA	KE MICHIGAN)	Lake Michigan in the vicinity of Escanaba.	Outer boundary between	n Portage	BAY	
			Point and Dutchman Point, not including Dri	inking Water CAZs.			T
						Size	Units
Designated			Attainment		ter Status	42.0	Square Miles
Fish Consun	nption	T -	Not Supporting	Not mee	eting criteria		
		Causes:	Current Cycle		First Listed		
			DDT IN FISH TISSUE		2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040602000001-16	LITTLE BAY DE NOC		Gladstone Water Filtration Plant CAZ - Little	e Bay de Noc Intake		BAY	
							T
						Size	Units
Designated			Attainment		ter Status	1.5	Square Miles
Fish Consun	nption		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			DIOXIN IN FISH TISSUE		2020		
			DDT IN FISH TISSUE		2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040602000001-20	LITTLE BAY DE NOC	Escanaba City Water CAZ - Little Bay de Noc Intake		BAY	
				0:	1114
Designated	Hea	Attainment	Damamatan Otatus	Size	Units
Fish Consun		Attainment	Parameter Status	1.5	Square Miles
FISH Consum	Causes:	Not Supporting	Not meeting criteria	<u> </u> 	
	Causes:	Current Cycle	First Listed	<u> </u> 	
		DIOXIN IN FISH TISSUE	2020		
		DDT IN FISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040602000001-23	GREEN BAY	Menominee County Administration CAZ - Green Bay Int	ake	BAY	
				0:	1124-
Danimatad	llee.	Attainment	Damamatan Otatus	Size	Units
Designated		Attainment	Parameter Status	1.5	Square Miles
Fish Consun	·	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		DDT IN FISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040700070609-04	VAN ETTEN LAKE	NE of Wurtsmith Air Force Base.		LAKE, FRESH	WATER
				Size	Units
Designated		Attainment	Parameter Status	1412.4236	Acres
Other Indige	nous Aquatic Life and Wildlife	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PHOSPHORUS	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040802010402-02	Rivers/Streams in HUC 040802010402	Includes: Sugar River		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	36.1054	Miles
Cold Water I	ishery	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		DISSOLVED OXYGEN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040802030101-01	Rivers/Streams in HUC 040802030101	Includes: Marion And Genoa Drainand South Branch Sh	niawassee River	RIVER	
			1	Size	Units
Designated		Attainment	Parameter Status	26.5829	Miles
Fish Consun	•	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	5	
MI040802030103-01	Rivers/Streams in HUC 040802030103	Includes: South Branch Shiawassee River		RIVER		
				Size	Units	
Designated	lico	Attainment	Parameter Status	11.7222	Miles	
Fish Consun		Not Supporting	Not meeting criteria	11.7222	ivilles	
FISH Consum	Causes:	Current Cycle	First Listed	•		
	Causes.	PERFLUOROOCTANE SULFONATE (PFOS) IN F				
		PERFLUOROUCTAINE SULFONATE (PPOS) IN F	13H 11330E 2020			
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type		
MI040802030103-02	2030103-02 Rivers/Streams in HUC 040802030103 Includes: South Branch Shiawassee River		RIVER			
				Size	Units	
Designated		Attainment	Parameter Status	8.0176	Miles	
Fish Consun		Not Supporting	Not meeting criteria			
	Causes:	Current Cycle	First Listed	1		
		PERFLUOROOCTANE SULFONATE (PFOS) IN F	FISH TISSUE 2020			
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type		
Assessment Unit ID MI040802030104-08	Assessment Unit Name Earl Lake	Livingston County - SE side of Howell		Water Type LAKE, FRES	HWATER	
		•		LAKE, FRES	HWATER	
		•		LAKE, FRES	HWATER Units	
MI040802030104-08  Designated	Earl Lake Use	Livingston County - SE side of Howell  Attainment	Parameter Status	LAKE, FRES		
MI040802030104-08  Designated	Earl Lake	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting	Parameter Status Not meeting criteria	LAKE, FRES	Units	
MI040802030104-08  Designated	Earl Lake Use	Livingston County - SE side of Howell  Attainment		Size 66.2	Units	
MI040802030104-08  Designated	Use r Fishery   Other Indigenous Aquatic Life and Wile	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting	Not meeting criteria	Size 66.2	Units	
MI040802030104-08  Designated	Use r Fishery   Other Indigenous Aquatic Life and Wild Causes:	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting  Current Cycle  CHLORIDE	Not meeting criteria  First Listed	Size 66.2	Units	
Designated Warm Water  Assessment Unit ID	Use r Fishery   Other Indigenous Aquatic Life and Wile	Livingston County - SE side of Howell  Attainment  dlife Not Supporting   Not Supporting  Current Cycle	Not meeting criteria  First Listed 2020	Size 66.2	Units	
Designated Warm Water  Assessment Unit ID	Use r Fishery   Other Indigenous Aquatic Life and Wild Causes:  Assessment Unit Name	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting  Current Cycle  CHLORIDE  Location Description	Not meeting criteria  First Listed 2020	Size 66.2  Water Type	Units	
Designated Warm Water  Assessment Unit ID	Use r Fishery   Other Indigenous Aquatic Life and Wild Causes:  Assessment Unit Name	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting  Current Cycle  CHLORIDE  Location Description	Not meeting criteria  First Listed  2020  UNTY PARK BEACH	Size 66.2  Water Type	Units	
Designated Warm Water	Earl Lake  Use r Fishery   Other Indigenous Aquatic Life and Wild  Causes:  Assessment Unit Name  Rivers/Streams in HUC 040802030310	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting  Current Cycle  CHLORIDE  Location Description	Not meeting criteria  First Listed 2020	Size 66.2  Water Type RIVER	Units Acres	
Designated Warm Water  Assessment Unit ID MI040802030310-02	Use r Fishery   Other Indigenous Aquatic Life and Wile Causes:  Assessment Unit Name Rivers/Streams in HUC 040802030310  Use	Attainment  dlife Not Supporting   Not Supporting  Current Cycle  CHLORIDE  Location Description  Includes: BAD RIVER RINGWOOD FOREST COU	Not meeting criteria  First Listed  2020  UNTY PARK BEACH	Size 66.2  Water Type RIVER Size	Units Acres Units	
Designated Warm Water  Assessment Unit ID MI040802030310-02  Designated	Use r Fishery   Other Indigenous Aquatic Life and Wile Causes:  Assessment Unit Name Rivers/Streams in HUC 040802030310  Use	Attainment  Online  Current Cycle  CHLORIDE  Location Description  Includes: BAD RIVER RINGWOOD FOREST COU	Not meeting criteria  First Listed 2020  JNTY PARK BEACH  Parameter Status	LAKE, FRES  Size  66.2  Water Type  RIVER  Size  1.0	Units Acres Units	
Designated Warm Water  Assessment Unit ID MI040802030310-02  Designated	Use r Fishery   Other Indigenous Aquatic Life and Wild Causes:  Assessment Unit Name Rivers/Streams in HUC 040802030310  Use Inption	Livingston County - SE side of Howell  Attainment  dlife Not Supporting   Not Supporting  Current Cycle  CHLORIDE  Location Description  Includes: BAD RIVER RINGWOOD FOREST COU  Attainment  Not Supporting	Not meeting criteria  First Listed 2020  INTY PARK BEACH  Parameter Status  Not meeting criteria	LAKE, FRES  Size  66.2  Water Type  RIVER  Size  1.0	Units Acres Units	
Designated Warm Water  Assessment Unit ID MI040802030310-02  Designated	Use r Fishery   Other Indigenous Aquatic Life and Wild Causes:  Assessment Unit Name Rivers/Streams in HUC 040802030310  Use Inption	Livingston County - SE side of Howell  Attainment  Mot Supporting   Not Supporting  Current Cycle  CHLORIDE  Location Description  Includes: BAD RIVER RINGWOOD FOREST COU  Attainment  Not Supporting  Current Cycle	Not meeting criteria  First Listed 2020  UNTY PARK BEACH  Parameter Status  Not meeting criteria  First Listed	LAKE, FRES  Size  66.2  Water Type  RIVER  Size  1.0	Units Acres Units	
Designated Warm Water  Assessment Unit ID MI040802030310-02  Designated Fish Consun	Use r Fishery   Other Indigenous Aquatic Life and Wild Causes:  Assessment Unit Name Rivers/Streams in HUC 040802030310  Use Inption	Attainment  Ourrent Cycle CHLORIDE  Location Description Includes: BAD RIVER RINGWOOD FOREST COU  Attainment Not Supporting Current Cycle CHLORIDE  Current Cycle CHLORIDE  Current Cycle RINGWOOD FOREST COU	Not meeting criteria  First Listed 2020  UNTY PARK BEACH  Parameter Status  Not meeting criteria  First Listed 2020	LAKE, FRES  Size  66.2  Water Type  RIVER  Size  1.0	Units Acres Units	
Designated Warm Water  Assessment Unit ID MI040802030310-02  Designated Fish Consum	Earl Lake  Use r Fishery   Other Indigenous Aquatic Life and Wild  Causes:  Assessment Unit Name Rivers/Streams in HUC 040802030310  Use Inption  Causes:	Attainment  Ourrent Cycle CHLORIDE  Location Description Includes: BAD RIVER RINGWOOD FOREST COU  Attainment Not Supporting Current Cycle PCBS IN FISH TISSUE POLYCHLORINATED BIPHENYLS (PCBS)	Not meeting criteria  First Listed 2020  UNTY PARK BEACH  Parameter Status  Not meeting criteria  First Listed 2020 2020	Water Type RIVER Size 1.0	Units Acres Units	

Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040802040304-01	Rivers/Streams in HUC 040802040304	Includes: West Branch Swartz Creek, Hewitt Drain and H	lowland Drain	1	RIVER	
					<u> </u>	1
Dardon etc. d	11	Attatana	D	04-4	Size	Units
Designated	nous Aquatic Life and Wildlife	Attainment	Parameter		30.6609	Miles
Other indige	Causes:	Not Supporting	Not meetin	•		
	Causes:	Current Cycle		First Listed		
		OTHER ANTHROPOGENIC SUBSTRATE ALTERATION		2020		
		HABITAT ALTERATIONS	2	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040802040403-05	HOLLOWAY RESERVOIR	NE of Richfield Center (Flint area).			RESERVOIR	
			T	0	Size	Units
Designated		Attainment	Parameter		1177.4315	Acres
Fish Consun		Not Supporting	Not meetin	•		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE 2	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040802040409-01	Rivers/Streams in HUC 040802040409	Includes: Flint River downstream of C.S. Mott Lake to the	e outlet of Kea	arsley Creek	RIVER	
					Size	Units
Designated		Attainment	Parameter		3.5468	Miles
Fish Consun		Not Supporting	Not meetin	•		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE 2	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040802040409-08	C. S. MOTT LAKE (RESERVOIR)	NE of Flint. Genessee Co			RESERVOIR	
					Size	Units
Designated		Attainment	Parameter		614.7848	Acres
Fish Consun		Not Supporting	Not meetin			
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE 2	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040802040504-02	Rivers/Streams in HUC 040802040504	Includes: Flint River			RIVER	
					Size	Units
Designated		Attainment	Parameter		11.2512	Miles
Fish Consun	nption	Not Supporting	Not meetin	g criteria		
	Causes:	Current Cycle	F	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE 2	2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040802040513-01	Rivers/Streams in HUC 040802040513	Includes: Atwell Drain, Flint River, Pitch Creek	and Spring Brook Drain	RIVER	
				0:	1114
Designated	lloo	Attainment	Parameter Status	<b>Size</b> 52.3027	Units Miles
				52.3027	Miles
Fish Consum	Causes:	Not Supporting  Current Cycle	Not meeting criteria  First Listed	_	
	Causes:			-	
		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040802040513-02	Rivers/Streams in HUC 040802040513	Includes: Flint River		RIVER	
					1
			1=	Size	Units
Designated		Attainment	Parameter Status	10.2626	Miles
Fish Consum	<u>'</u>	Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900010001-01	O11-01 ST. CLAIR RIVER Vicinity of Algonac, Lake St. Clair inlet upstream to Cuttle Creek, south of Marysville. Excludes 2 miles of Critical Assessment Zones of St. Clair River			GREAT LAKE	S CONNECTING
		drinking water intakes.	omone Zones of St. Oldii Tavoi	Size	Units
Designated	Use	Attainment	Parameter Status	31.2756	Miles
Fish Consum	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900010001-02	ST. CLAIR RIVER	City of Algonac CAZ - Algonac Water Departn	nent Intake	GREAT LAKE	S CONNECTING
				Size	Units
Designated	Use	Attainment	Parameter Status	0.5	Miles
Fish Consum		Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed	-	
		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020	1	
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900010001-03	ST. CLAIR RIVER	Marine City Water Works CAZ		GREAT LAKE	S CONNECTING
				Size	Units
Designated	Use	Attainment	Parameter Status	0.5	Miles
Fish Consum	nption	Not Supporting	Not meeting criteria		<u>'</u>
	Causes:	Current Cycle	First Listed		
İ		PERFLUOROOCTANE SULFONATE (PFOS)	IN FISH TISSUE 2020	7	

Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900010001-04	ST. CLAIR RIVER		Marysville Water Filtration Plant CAZ			CHANNEL	ES CONNECTING
						Size	Units
Designated			Attainment		ter Status	0.5	Miles
Fish Consun	nption		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN F	ISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900010001-05	ST. CLAIR RIVER		City of Port Huron Water Filtration Plant CAZ			GREAT LAKE CHANNEL	ES CONNECTING
						Size	Units
Designated			Attainment	Paramet	ter Status	0.5	Miles
Fish Consun	nption		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN F	ISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900010001-06	ST. CLAIR RIVER		City of St. Clair Water Treatment Plant CAZ			ES CONNECTING	
						Size	Units
Designated	Use		Attainment	Paramet	ter Status	0.5	Miles
Fish Consun	nption		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN F	ISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900010001-07	ST. CLAIR RIVER		St. Clair Water and Sewer Authority CAZ			GREAT LAKE CHANNEL	ES CONNECTING
						Size	Units
Designated	Use		Attainment	Paramet	ter Status	0.5	Miles
Fish Consun	nption		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN F	ISH TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900010001-08	ST. CLAIR RIVER		Cuttle Creek, south of Marysville upstream to Lake Excludes 1 miles of Critical Assessment Zones of S	Huron outlet at F St. Clair River dri	Port Huron. nking water	GREAT LAKE CHANNEL	ES CONNECTING
			intakes.			Size	Units
Designated			Attainment		ter Status	6.5	Miles
Fish Consun	nption		Not Supporting	Not mee	ting criteria		
		Causes:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN F	ISH TISSUE	2020		

Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900010407-01	Rivers/Streams in HUC 040900	010407	Includes: Belle River Including Tributaries			RIVER	
						•	1
<u> </u>					<b>0</b> , ,	Size	Units
Designated		1.6 1.40.1.11.6	Attainment	Paramete		87.5692	Miles
vvarm vvater	r Fishery   Other Indigenous Aquatio		Not Supporting   Not Supporting	Not meet	ng criteria		
	Cau	ises:	Current Cycle		First Listed		
			CHLORIDE		2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900020001-01	LAKE ST. CLAIR (MICHIGAN J	URISDICTION)	Lake St. Clair waters under Michigan jurisdiction, not CAZs.	including Drinki	ng Water	GREAT LAKE	S SHORELINE
						Size	Units
Designated			Attainment	Paramete	er Status	89.0	Miles
Fish Consun	nption		Not Supporting	Not meet	ng criteria		
	Cau	ises:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	H TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900020001-02	LAKE ST. CLAIR		New Baltimore Water Department CAZ - New Baltimo	ore WTP Intake			S OPEN WATER
						Size	Units
Designated	Use		Attainment	Paramete	er Status	1.5	Square Miles
Fish Consun	nption		Not Supporting	Not meet	ng criteria		
	Cau	ises:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	H TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900020001-03	LAKE ST. CLAIR		Grosse Pointe Farms Water Plant CAZ - Lake St Clai	ir Intake		GREAT LAKE	S OPEN WATER
							<del>-</del>
						Size	Units
Designated			Attainment	Paramete	er Status	1.5	Square Miles
Fish Consun	nption		Not Supporting	Not meet	ng criteria		
	Cau	ises:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	H TISSUE	2020		
Assessment Unit ID	Assessment Unit Name		Location Description			Water Type	
MI040900020001-04	LAKE ST. CLAIR		Ira Township WTP CAZ - Fair Haven - Lake St Clair I	ntake			S OPEN WATER
			· ·				
						Size	Units
Designated			Attainment	Paramete	er Status	1.5	Square Miles
Fish Consun	nption		Not Supporting	Not meet	ng criteria		
	Cau	ises:	Current Cycle		First Listed		
			PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	H TISSUE	2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900020001-05	LAKE ST. CLAIR	Mount Clemens Water Facilities CAZ - Lake St Clair Ir	ntake	GREAT LAKE	S OPEN WATER
				0!	11-14-
Decimated	Hoo	Attainment	Parameter Status	Size	Units
Designated Fish Consum				1.5	Square Miles
FISH Consum	Causes:	Not Supporting  Current Cycle	Not meeting criteria  First Listed	_	
	Causes.	PERFLUOROOCTANE SULFONATE (PFOS) IN FISH		<u> </u> 	
		PERFLUOROUCTANE SULFONATE (PFOS) IN FISH	1 1155UE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900020001-06	LAKE ST. CLAIR	Mount Clemens Water Facilities CAZ - Lake St Clair Ir	ntake - Emergency	GREAT LAKE	S OPEN WATER
<b>5</b>			15	Size	Units
Designated		Attainment	Parameter Status	1.5	Square Miles
Fish Consun		Not Supporting	Not meeting criteria	-	
	Causes:	Current Cycle	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900020104-02	Rivers/Streams in HUC 040900020104	Includes: CRAPAUD CREEK		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	14.4512	Miles
Other Indige	nous Aquatic Life and Wildlife	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		BENTHIC MACROINVERTEBRATES BIOASSESSME	ENTS 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900020104-03	Rivers/Streams in HUC 040900020104	Includes: Marsac Creek		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	15.2814	Miles
Other Indige	nous Aquatic Life and Wildlife	Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed	_	
		BENTHIC MACROINVERTEBRATES BIOASSESSME	ENTS 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900020105-04	Rivers/Streams in HUC 040900020105	Includes: Fistler Drain upstream of Salt River confluen	ce	RIVER	
				Size	Units
Designated		Attainment	Parameter Status	0.0	Miles
Other Indige	nous Aquatic Life and Wildlife	Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed	<u> </u>	
		BENTHIC MACROINVERTEBRATES BIOASSESSME	ENTS 2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900030204-03	Rivers/Streams in HUC 040900030204	Includes: Plum Brook		RIVER	
				0'	1124
Designated I	Uee	Attainment	Parameter Status	<b>Size</b> 6.5505	Units Miles
	Fishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria	0.5505	ivilles
vvaiiii vvatei	Causes:	Current Cycle	First Listed	-	
	Causes.	CHLORIDE	2020	<u> </u> 	
		CHECKIDE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900030402-03	Rivers/Streams in HUC 040900030402	Includes: Clinton River		RIVER	
				Size	Units
Designated I	Use	Attainment	Parameter Status	27.8704	Miles
	Fishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed	_	
		CHLORIDE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900030402-04	Rivers/Streams in HUC 040900030402	Includes: Clinton River, Cranberry Marsh Drain, Faulma	n Drain, Hildebrandt	RIVER	
		Drain, Kukuk Drain, and Unnamed Tributaries to Clinton			
				Size	Units
Designated I		Attainment	Parameter Status	14.8464	Miles
Warm Water	Fishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed	<u> </u>	
		CHLORIDE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900040001-01	DETROIT RIVER	Lake Erie u/s to Lake St. Clair. Excludes 2 miles of Crit	ical Assessment Zones of		CONNECTING
		Detroit River drinking water intakes.		CHANNEL	
D. d d. d. l.		Attalana	D	Size	Units
Designated U		Attainment	Parameter Status	23.7356	Miles
Fish Consum	Causes:	Not Supporting	Not meeting criteria	<u> </u>  -	
	Causes.	Current Cycle   PERFLUOROOCTANE SULFONATE (PFOS) IN FISH 1	First Listed TISSUE 2020	1	
		DIOXIN - FISH CONSUMPTION ADVISORY	2020		
			2020		
Assessment Unit ID	Assessment Unit Name	Location Description	h Barrick Fell C :	Water Type	
MI040900040301-01	Rivers/Streams in HUC 040900040301	Includes: Fellows Creek, Green Drain, Ingall Drain, Nort South Branch Fellows Creek and Truesdell Drain	n Branch Fellows Creek,	RIVER	
		2.2 2.3 Shelle C. Son and Traddan Brain		Size	Units
Designated I	Use	Attainment	Parameter Status	43.8738	Miles
Warm Water	Fishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria		<u> </u>
	Causes:	Current Cycle	First Listed	-	
		CHLORIDE	2020	1	

Assessment Unit I	D Assessment Unit Name		Location Description		Water Type	
MI040900040405-0	Rivers/Streams in HUC 0	40900040405	Includes: Rouge, River downstream of Frisbee St (exter	nded)	RIVER	
					Size	Units
Designa	ated Use		Attainment	Parameter Status	0.0	Miles
Other In	digenous Aquatic Life and Wildlife	9	Not Supporting	Not meeting threshold		
		Causes:	Current Cycle	First Listed		
			SEDIMENT TOXICITY	2020		
			SEDIMENT SCREENING VALUE (EXCEEDANCE)	2020		
Assessment Unit I	D Assessment Unit Name		Location Description		Water Type	
MI040900040405-02 Rivers/Streams in HUC 040900040405		Includes: Rouge, River upstream of CSO at Frisbee St	(extended)	RIVER		
					Size	Units
Designa	ated Use		Attainment	Parameter Status	0.0	Miles
Other In	digenous Aquatic Life and Wildlife	Э	Not Supporting	Not meeting threshold		
		Causes:	Current Cycle	First Listed		
			SEDIMENT TOXICITY	2020		
			SEDIMENT SCREENING VALUE (EXCEEDANCE)	2020		
Assessment Unit I	D Assessment Unit Name		Location Description		Water Type	
MI040900040406-0	Rivers/Streams in HUC 0	40900040406	Includes: Ashcroft-Sherwood Drain, Rouge, River and S	Shaw Drain	RIVER	
					Size	Units
	ated Use		Attainment	Parameter Status	25.3296	Miles
Warm V	/ater Fishery   Other Indigenous /	Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria		
		Causes:	Current Cycle	First Listed		
			CHLORIDE	2020		
Assessment Unit I	D Assessment Unit Name		Location Description		Water Type	
MI040900050101-0	PONTIAC LAKE		NW of Pontiac in the headwaters of the Huron River.		LAKE, FRESH	WATER
					Size	Units
Designa	nted Use		Attainment	Parameter Status	571.7894	Acres
Other In	digenous Aquatic Life and Wildlife	9	Not Supporting	Not meeting criteria		
		Causes:	Current Cycle	First Listed		
			PHOSPHORUS	2020	I .	

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050103-04	Rivers/Streams in HUC 040900050103	Includes: NORTON CREEK		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	8.2431	Miles
Fish Consun	<u> </u>	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First List	ea	
		PERFLUOROOCTANE SULFONATE (PFOS) IN	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050105-08	Rivers/Streams in HUC 040900050105	Includes: Huron River from Hubbell Pond outlet dinlet to include General Motors Road site.	Includes: Huron River from Hubbell Pond outlet downstream to the Kent Lake inlet to include General Motors Road site.		
				Size	Units
Designated		Attainment	Parameter Status	1.4838	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First List	ed	
		PERFLUOROOCTANE SULFONATE (PFOS) IN	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050105-17	Rivers/Streams in HUC 040900050105	Includes: Huron River from Main Street in Milford	to the Proud Lake Outlet	RIVER	
			to and rough zame cannot		
				Size	Units
Designated	Use	Attainment	Parameter Status	42.4446	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First List	ed	
	7	PERFLUOROOCTANE SULFONATE (PFOS) IN	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050106-04	KENT LAKE	An impoundment on the main stem of the Huron Dawson Rd. and d/s is the Kent Lake spillway at		LAKE, FRESH	IWATER
				Size	Units
Designated	Use	Attainment	Parameter Status	871.9409	Acres
Fish Consun	nption	Not Supporting	Not meeting criteria		•
	Causes:	Current Cycle	First List	ed	
		PERFLUOROOCTANE SULFONATE (PFOS) IN	FISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050106-05	Rivers/Streams in HUC 040900050106	Includes: Huron River upstream of Dawson Road Huron River	and Unnamed Tributaries to	RIVER	
				Size	Units
Designated		Attainment	Parameter Status	4.9834	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First List	ed	
		PERFLUOROOCTANE SULFONATE (PFOS) IN	FISH TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040900050112-01	Rivers/Streams in HUC 040900050112	Includes: Huron River and Spring Mill Creek			RIVER	
					0!	11-14-
D. alamata d	11	Attalance	D	4	Size	Units
Designated		Attainment		ter Status	15.3441	Miles
Fish Consun	<u> </u>	Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle	1.7100115	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	HISSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
/1040900050112-02	Rivers/Streams in HUC 040900050112	Includes: Dibrova Lake Outlet, Huron River, Maltby Lake Outlet, and Ore Lake Outlet		RIVER		
					Size	Units
Designated	Use	Attainment		ter Status	8.7309	Miles
Fish Consun	nption	Not Supporting	oporting Not meeting criteria			
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	HTISSUE	2020		
ssessment Unit ID	Assessment Unit Name	Location Description			Water Type	
1040900050112-05	ORE LAKE	An impoundment on south Ore Creek d/s of Brighton L	ake		LAKE, FRESH	WATER
110-10000000112 00		7 th impoundment on south ore Grook 4/5 or Brighton E	Luito		Little, ittleoit	WYTTEIT
					Size	Units
Designated	Use	Attainment	Parame	ter Status	223.1313	Acres
Fish Consun	nption	Not Supporting	Not mee	eting criteria		•
	Causes:	Current Cycle	'	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	H TISSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
11040900050307-01	Rivers/Streams in HUC 040900050307	Includes: Bass Lake Outlet, Cordley Lake Outlet, Hay	Creek, Huron	n River,	RIVER	
		Unnamed Tributaries to East Crooked Lake, Unnamed	d Tributaries t	o Hay Creek,		
		and Unnamed Tributaries to Huron River			Size	Units
Designated	Use	Attainment	Parame	ter Status	17.0194	Miles
Fish Consun	nption	Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH	H TISSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
11040900050307-02	Rivers/Streams in HUC 040900050307	Includes: Huron River			RIVER	
					Size	Units
Designated	Use	Attainment	Parame	ter Status	3.8612	Miles
	nntion	Not Supporting	Not mee	eting criteria		
Fish Consun	p	•				
	Causes:	Current Cycle	1	First Listed		

Assessment Unit ID	Assessment Unit Name		Location Description		Water Type	
MI040900050307-11	BASELINE LAKE		3.5 miles SE of Pinckney. Livingston Co.		LAKE, FRES	HWATER
						T
				15	Size	Units
Designated			Attainment	Parameter Sta		Acres
Fish Consun	nption	0	Not Supporting	Not meeting cr		
		Causes:	Current Cycle		Listed	
			PERFLUOROOCTANE SULFONATE (PFOS) IN FI	ISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name		Location Description		Water Type	
MI040900050307-13	STRAWBERRY LAKE		A lake on the Huron River just d/s of M-36 in Livings	ston County.	LAKE, FRES	HWATER
					<u> </u>	111 11
D	II		Attalonosont	D04	Size	Units
Designated			Attainment	Parameter Sta		Acres
Fish Consun	npuon	0	Not Supporting	Not meeting cr		
		Causes:	Current Cycle		Listed	
			PERFLUOROOCTANE SULFONATE (PFOS) IN FI	ISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name		Location Description		Water Type	
MI040900050307-14	PORTAGE LAKE (BIG)		Washtenaw Co., SE of Pinckney in Washtenaw and	d Livingston Co.'s.	LAKE, FRES	HWATER
						T
				1	Size	Units
Designated			Attainment	Parameter Sta		Acres
Fish Consun	nption		Not Supporting	Not meeting cr		
		Causes:	Current Cycle		Listed	
			PERFLUOROOCTANE SULFONATE (PFOS) IN FI	ISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name		Location Description		Water Type	
MI040900050307-23	LITTLE PORTAGE LAKE		Washtenaw County		LAKE, FRES	HWATER
					Size	Units
Designated			Attainment	Parameter Sta		Acres
Fish Consun	nption		Not Supporting	Not meeting cr		
		Causes:	Current Cycle		Listed	
			PERFLUOROOCTANE SULFONATE (PFOS) IN FI	ISH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name		Location Description		Water Type	
MI040900050307-24	WHITEWOOD LAKE		Livingston County		LAKE, FRES	HWATER
			,			
				<u></u>	Size	Units
Designated			Attainment	Parameter Sta	tus 66.56	Acres
Fish Consun	nption		Not Supporting	Not meeting cr	teria	
		Causes:	Current Cycle		Listed	
			PERFLUOROOCTANE SULFONATE (PFOS) IN FI	ISH TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050309-01	BARTON POND	Impoundment of Huron River in vicinity of Barton Hill From dam u/s to Conrail RR bridge crossing.	s (suburb of Ann Arbor).	RESERVOIR	
				Size	Units
Designated		Attainment	Parameter Status		Acres
Fish Consun	nption	Not Supporting	Not meeting criteri	а	
	Causes:	Current Cycle	First Lis	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	SH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050309-02	Rivers/Streams in HUC 040900050309	Includes: Huron River		RIVER	
				Size	Units
Designated		Attainment	Parameter Status		Miles
Fish Consun	nption	Not Supporting	Not meeting criteri		
	Causes:	Current Cycle	First Lis	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	SH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050309-03	Rivers/Streams in HUC 040900050309	Includes: Huron River, Unnamed Tributary to Barton Tributaries to Huron River	RIVER		
				Size	Units
Designated	Use	Attainment	Parameter Status	16.6223	Miles
Fish Consun	nption	Not Supporting	Not meeting criteri	а	
	Causes:	Current Cycle	First Lis	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	SH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050309-07	Argo Pond	Washtenaw County		LAKE, FRES	HWATER
				Size	Units
Designated		Attainment	Parameter Status	20.18	Acres
Fish Consun	nption	Not Supporting	Not meeting criteri	а	
	Causes:	Current Cycle	First Lis	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	SH TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050402-01	Geddes Pond	Reservoir on the Huron River		LAKE, FRES	HWATER
				Size	Units
Designated		Attainment	Parameter Status		Acres
Fish Consun	<u> </u>	Not Supporting	Not meeting criteri		
	Causes:	Current Cycle	First Lis	sted	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FIS	SH TISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050402-03	Rivers/Streams in HUC 040900050402	Includes: Miller's Creek		RIVER	
					1
			T	Size	Units
Designated		Attainment	Parameter Status	3.0509	Miles
vvarm vvater	r Fishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed		
		CAUSE UNKNOWN	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050402-06	Rivers/Streams in HUC 040900050402	Includes: Huron River and Malletts Creek headwaters, n Road, and tributary to the Huron River.	ear Ann Arbor Saline	RIVER	
				Size	Units
Designated		Attainment	Parameter Status	11.3071	Miles
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050403-02	Ford Lake	Impoundment of the Huron River located between the cities of Ypsilanti and Romulus, Washtenaw County		RESERVOIR	
		·		Size	Units
Designated	Use	Attainment	Parameter Status	951.0879	Acres
Fish Consun	nption	Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050403-04	Rivers/Streams in HUC 040900050403	Includes: Huron River, Snidecar Drain, and Superior Nur	nber One Drain	RIVER	
					1
			T	Size	Units
Designated		Attainment	Parameter Status	14.3251	Miles
Fish Consun		Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	TISSUE 2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI040900050404-02	Belleville Lake	Ypsilanti, MI.		RESERVOIR	
<b>.</b>	ll	Attatanana	D	Size	Units
Designated		Attainment	Parameter Status	1248.2	Acres
Fish Consun	<u> </u>	Not Supporting	Not meeting criteria	_	
	Causes:	Current Cycle	First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH T	ISSUE 2020		

Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
MI040900050404-04	Rivers/Streams in HUC 040900050404	Includes: Unnamed Tributaries to Belleville Lake and Unr Rawsonville Road	named Trib	outary near	RIVER	
					Size	Units
Designated	Use	Attainment	Parame	ter Status	12.0919	Miles
Fish Consun	nption	Not Supporting	Not mee	eting criteria		·
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TI	SSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
/1040900050405-01	Rivers/Streams in HUC 040900050405	Includes: Huron River, Bunton Drain, Griggs Drain, Head Drain, Hubbard Drain, Jewett Drain, Throop Number One Drain, Unnamed Tributaries to Griggs Drain,		RIVER		
		and Unnamed Tributaries to Throop Number One Drain	1_		Size	Units
Designated		Attainment			35.3858	Miles
Fish Consun		Not Supporting Not meeting criteria		-		
	Causes:	Current Cycle	2011	First Listed	_	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TI	SSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
11040900050407-02	Rivers/Streams in HUC 040900050407	Includes: Huron River, Bancroft Noles Drain, Brook Drain, Hale Drain, Regan Drain, Vandecar Drain, Unnamed Tributary to Huron River, and Warner Drain			RIVER	
					Size	Units
Designated	Use	Attainment	Parame	ter Status	65.0924	Miles
Fish Consun	nption	Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle		First Listed		
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TI	SSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
/1040900050407-04	Rivers/Streams in HUC 040900050407	Includes: Huron River			RIVER	
					Size	Units
Designated	Use	Attainment	Parame	ter Status	2.2686	Miles
Fish Consun	nption	Not Supporting	Not mee	eting criteria		
	Causes:	Current Cycle		First Listed	]	
		PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TI	SSUE	2020		
Assessment Unit ID	Assessment Unit Name	Location Description			Water Type	
/II041000010201-01	Rivers/Streams in HUC 041000010201	Includes: PLUM CREEK			RIVER	
					0:	11-14-
Daalamate d	Hoo	Attainment	Deress	tou Ctot	Size	Units
Designated		Attainment  Not Supporting   Not Supporting		ter Status	66.405	Miles
vvarm vvate	r Fishery   Other Indigenous Aquatic Life and Wildlife	Not Supporting   Not Supporting	NOT MEE	eting criteria	1	
	Causes:	Current Cycle		First Listed	1	
		SULFATE		2020		

Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI041000020204-01	0204-01 Rivers/Streams in HUC 041000020204 Includes: Squaw Creek, Wolf Creek, Unnamed Tributaries to Erin Lake, and Unnamed Tributaries to Squaw Creek		utaries to Erin Lake, and	RIVER	
				Size	Units
Designated Use		Attainment	Parameter Status	0.0	Miles
Partial Body Contact Recreation   Total Body Contact Recreation		Fully Supporting   Not Supporting	Meeting criteria   Not		
	Causes:	Current Cycle	First Listed		
		ESCHERICHIA COLI (E. COLI)	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI041000020204-05	Rivers/Streams in HUC 041000020204	Includes: Squaw Creek, Wolf Creek, Unnamed Tributaries to Erin Lake, and Unnamed Tributaries to Squaw Creek		RIVER	
				Size	Units
Designated		Attainment	Parameter Status	0.0	Miles
Partial Body	Contact Recreation   Total Body Contact Recreation	Not Supporting   Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		ESCHERICHIA COLI (E. COLI)	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI041000020204-06	Loch Erin	West of Onsted		LAKE, FRESHWATER	
				Size	Units
Designated Use		Attainment	Parameter Status	0.0	Acres
Other Indigenous Aquatic Life and Wildlife		Not Supporting	Not meeting criteria		
	Causes:	Current Cycle	First Listed		
		PHOSPHORUS	2020		
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI041000020302-04 HUDSON LAKE		SE of Hudson in the Lake Hudson State Park. Lenawee Co.		LAKE, FRESHWATER	
				Size	Units
Designated	Use	Attainment	Parameter Status	512.7325	Acres
Other Indigenous Aquatic Life and Wildlife		Not Supporting	Not meeting criteria	0.2020	7.0.00
Canon manger	Causes:	Current Cycle	First Listed	-	
		PHOSPHORUS	2020	_	
Assessment Unit ID	Assessment Unit Name	Location Description		Water Type	
MI041000020410-03	Rivers/Streams in HUC 041000020410	Includes: River Raisin and Unnamed Tributary to River Raisin		RIVER	
				0'	1125
Designated Use		Attainment	Parameter Status	<b>Size</b> 8.5339	Units Miles
Fish Consumption		Not Supporting	Not meeting criteria	0.000	IVIIICS
Causes:		Current Cycle	First Listed	1	
	Causes.	PERFLUOROOCTANE SULFONATE (PFOS) IN FIS		1	
		FERFLUOROGUAINE SULFONATE (PPUS) IN FR	311 1133UE ZUZU		